



Online Bus Ticket Reservation Management System

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AGENDA

- ✓ Introduction
- ✓ Current System & Problems
- ✓ Purposed system & Advantages
- ✓ Methodology
- ✓ Conclusion
- ✓ Future plan
- ✓ System Testing



INTRODUCTION

- ✓ Web and android based system
- ✓ Server side(Admin Panel) and Client Side(APP)



Paper-based system

- ✓ System used by Bus Transportation Companies
- ✓ Tickets printing
- ✓ Agencies
- ✓ people



Paper-based problems

- ✓ Security
- ✓ Traffic Jam(Time Consuming)
- ✓ Carfare
- ✓ Printing Tickets
- ✓ Agencies
- ✓ Overcrowded in front of Agencies
- ✓ Black market(free, illegal, seal)



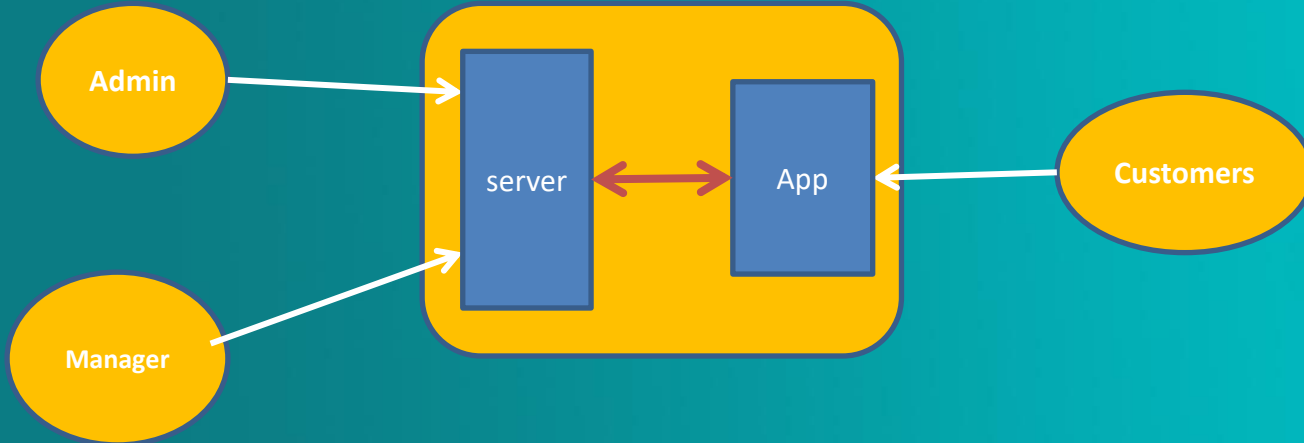
Purposed Application

- ✓ Modern Electronic System
- ✓ Selling Tickets by Officials Online
- ✓ Buying Tickets Online by Customers
- ✓ Cash payment
- ✓ Online Payment(M-paisa)



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System Architecture



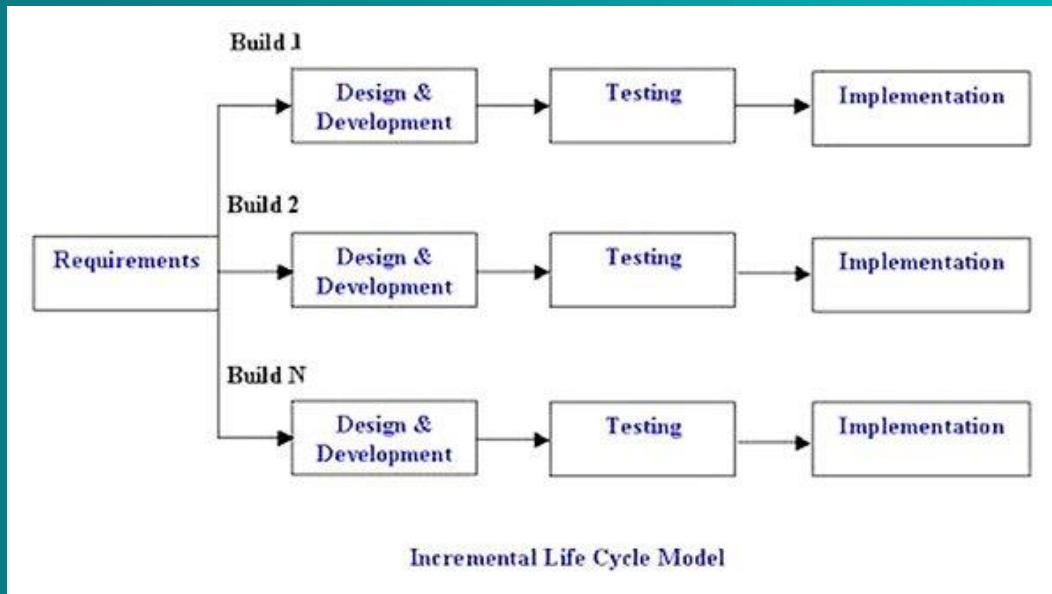
Proposed System Advantages

- ✓ Centralized Control System
- ✓ Online Booking by people
- ✓ Accurate Report Generation
- ✓ All problems which paper base has
- ✓ Cost effective
- ✓ National language



Methodology

✓ Incremental Methodology



Conclusion

- ✓ Online Booking & Shopping
- ✓ Bringing Facility for
- ✓ Facility for Federation Officials



Future Plan

- ✓ Designing Web site
- ✓ Supporting IOS
- ✓ More Responsive
- ✓ Online Payment(Banks & Telecommunication companies)
- ✓ Finger print face recognition



References

- ✓ Manuale_mysql (2002).
- ✓ How to programming with Java by Deitel and Deitel
- ✓ Stack Overflow
- ✓ Tutorial Point
- ✓ Android Developer Blog





Thank You